



JUNE 2016 LOCAL CLIMATOLOGICAL DATA NOAA, National Climatic Data Center

HOUSTON, TX
G BUSH INTERCONTINENTAL AP/HOUSTON AP (KIAH)
 Lat:29° 58'N Long: 95° 21'W Elev (Ground) 95 Feet
 Time Zone : CENTRAL WBAN: 12960 ISSN#: 0198-5094



Date 1	Temperature °F						Deg Days BASE 65°		WEATHER 10	SNOW/ICE ON GND(IN)		PRECIPITATION ON GND(IN)		PRESSURE (INCHES OF HG)		WIND SPEED = MPH DIR = TENS OF DEGREES								Date 24
	MAXIMUM 2	MINIMUM 3	AVERAGE 4	DEP FROM NORMAL 5	AVERAGE DEW PT 6	AVERAGE WET BULB 7	HEATING 8	COOLING 9		0600 LST 11	1200 LST 12	2400 LST 13	2400 LST 14	AVERAGE STATION 15	AVERAGE SEA LEVEL 16	RESULTANT SPEED 17	RES DIR 18	AVERAGE SPEED 19	MAXIMUM					
																			3-SEC		2-MIN			
01	85	68	77	-2	71	73	0	12	TS TSRA RA FG BR	0		0.0	3.94	29.77	29.88	5.5	11	7.8	29	01	23	36	01	
02	77	67*	72	-8	70	70	0	7	TS TSRA RA FG BR	0		0.0	3.57	29.78	29.89	3.8	14	6.9	31*	14	26*	13	02	
03	80	68	74	-6	70	71	0	9	TS TSRA RA BR	0		0.0	1.89	29.77	29.88	2.7	09	4.8	30	22	18	22	03	
04	76	68	72*	-8	70	70	0	7	TS TSRA RA BR	0		0.0	0.88	29.72	29.84	5.6	03	6.4	25	04	20	05	04	
05	84	68	76	-4	70	71	0	11	TS TSRA RA BR	0		0.0	0.44	29.71	29.82	5.3	02	6.4	23	10	17	04	05	
06	87	70	79	-1	71	73	0	14	BR	0		0.0	0.00	29.70	29.82	3.4	02	4.5	15	10	10	02	06	
07	89	71	80	0	70	73	0	15		0		0.0	0.00	29.77	29.87	3.7	04	4.7	16	04	12	06	07	
08	89	71	80	0	69	73	0	15		0		0.0	0.00	29.80	29.91	3.1	10	4.9	18	09	15	11	08	
09	90	72	81	1	70	73	0	16		0		0.0	0.00	29.81	29.92	4.8	12	6.5	22	14	18	11	09	
10	91	71	81	0	73	76	0	16	TS RA	0		0.0	T	29.83	29.95	3.9	10	5.8	20	11	15	05	10	
11	93	75	84	3	75	77	0	19	TS TSRA RA	0		0.0	T	29.91	30.01	3.8	13	5.9	20	06	15	15	11	
12	87	74	81	0	75	76	0	16	TS TSRA RA FG+ FG BR	0		0.0	2.11	29.91	30.03	4.6	16	5.8	25	19	17	09	12	
13	93	74	84	3	75	78	0	19	BR	0		0.0	0.00	29.82	29.94	4.9	19	5.7	21	03	16	04	13	
14	94	79	87	6	75	78	0	22		0		0.0	0.00	29.77	29.89	5.2	19	6.1	22	16	16	16	14	
15	96	78	87	6	74	78	0	22		0		0.0	0.00	29.84	29.94	6.3	19	6.9	21	20	14	17	15	
16	97	79	88	7	74	78	0	23		0		0.0	0.00	29.85	29.96	6.1	18	6.5	17	16	15	15	16	
17	96	79	88*	6	75	78	0	23		0		0.0	0.00	29.83	29.94	4.1	17	5.2	18	12	14	14	17	
18	97	75	86	4	73	77	0	21	TS	0		0.0	0.00	29.88	29.99	1.1	05	5.8	30	04	25	04	18	
19	92	73	83	1	72	75	0	18	TS RA	0		0.0	T	29.98	30.08	3.1	12	5.4	20	13	16	14	19	
20	94	76	85	3	74	76	0	20	TS RA	0		0.0	T	30.04	30.15	1.3	11	4.0	24	11	20	10	20	
21	93	75	84	2	74	77	0	19		0		0.0	0.00	29.97	30.09	3.0	17	4.2	26	14	21	13	21	
22	93	75	84	2	73	76	0	19	RA	0		0.0	0.02	29.93	30.04	6.4	16	7.3	24	15	20	15	22	
23	93	74	84	2	71	75	0	19		0		0.0	0.00	29.93	30.04	5.7	17	6.0	22	15	17	16	23	
24	93	73	83	1	74	76	0	18	TS RA	0		0.0	T	29.91	30.03	4.7	14	5.3	23	10	20	11	24	
25	93	75	84	2	75	77	0	19	TS RA	0		0.0	0.06	29.93	30.04	3.3	17	4.0	23	18	18	13	25	
26	93	76	85	3	74	77	0	20	TS	0		0.0	0.00	29.96	30.07	2.2	14	3.1	17	14	13	15	26	
27	96	76	86	3	74	77	0	21	TS	0		0.0	0.00	29.93	30.04	0.8	21	2.1	17	03	14	03	27	
28	97*	74	86	3	74	76	0	21	TS TSRA RA	0		0.0	0.21	29.88	30.00	2.8	31	4.7	28	01	21	04	28	
29	94	73	84	1	74	77	0	19	RA	0		0.0	T	29.83	29.95	3.3	03	5.1	18	04	15	03	29	
30	94	75	85	2	73	76	0	20		0		0.0	0.00	29.83	29.94	4.4	07	6.1	20	05	15	11	30	

90.9	73.4	82.1	☼	72.7	75.3	0.0	17.3	< MONTHLY AVERAGES TOTALS >				0.0	13.12	29.85	29.97	2.2	13	5.5	< MONTHLY AVERAGES				
-0.5	0.1	-0.3		-----DEPARTURE FROM NORMAL ----->								7.19	SUNSHINE, CLOUD, & VISIBILITY TABLES ON PAGE 3										
DEGREE DAYS								GREATEST 24-HR PRECIPITATION : 6.28 DATE : 01-02				SEA LEVEL PRESSURE				DATE TIME							
MONTHLY								GREATEST 24-HR SNOWFALL : 0.0 DATE :				MAXIMUM : 30.20				20 1053							
TOTAL DEPARTURE								GREATEST SNOW DEPTH : 0 DATE :				MINIMUM : 29.77				06 1753							
SEASON TO DATE								NUMBER OF -> DAYS WITH				MAXIMUM TEMP >= 90 : 21				MINIMUM TEMP <= 32 : 0				PRECIPITATION >= 0.01 INCH : 9			
TOTAL DEPARTURE								THUNDERSTORMS : 16				MAXIMUM TEMP <= 32 : 0				MINIMUM TEMP <= 0 : 0				PRECIPITATION >= 0.10 INCH : 7			
HEATING : 0 0 1017 -350												HEAVY FOG : 1				SNOWFALL >= 1.0 INCH : 0							
COOLING : 520 0 1101 -71																							

**JUNE 2016
HOUSTON, TX**

HOURLY PRECIPITATION

(WATER EQUIVALENT IN INCHES)

HOUSTON, TX (KIAH)
JUNE 2016

WBAN # 12960

Date	FOR HOUR (LST) ENDING AT												Date	FOR HOUR (LST) ENDING AT												Date	Sum of Hourly Data	2400 LST Water Equiv.	
	1	2	3	4	5	6	7	8	9	10	11	12		13	14	15	16	17	18	19	20	21	22	23	24				
01												T	0.22	01	T		0.13	0.08	0.67	0.54	0.04	2.18	0.08				01	3.94	3.94
02				T	0.01	0.38								02	0.47	0.04		T	1.78	0.12	0.01	T				02	3.57	3.57	
03								T	0.01	0.42	0.37	0.01		03	0.11	T		0.97								03	1.89	1.89	
04	T	0.33	0.15	T				0.02	0.02	0.02	T	T		04	T	0.02	T	0.07	0.25	T	T	T				04	0.88	0.88	
05														05			T	0.01	0.35	0.03	0.05				05	0.44	0.44		
06														06												06	0.00	0.00	
07														07												07	0.00	0.00	
08														08												08	0.00	0.00	
09														09												09	0.00	0.00	
10				T										10					T							10	T	T	
11														11						T						11	T	T	
12											T	T	0.02	12	0.25	1.70	0.10	0.03	0.01	T					12	2.11	2.11		
13														13												13	0.00	0.00	
14														14												14	0.00	0.00	
15														15												15	0.00	0.00	
16														16												16	0.00	0.00	
17														17												17	0.00	0.00	
18														18												18	0.00	0.00	
19														19								T				19	T	T	
20														20						T		T				20	T	T	
21														21												21	0.00	0.00	
22						0.02	T							22												22	0.02	0.02	
23														23												23	0.00	0.00	
24														24			T	T								24	T	T	
25														25		0.01			0.05							25	0.06	0.06	
26														26												26	0.00	0.00	
27														27												27	0.00	0.00	
28														28	0.04	0.15	T	0.02	T	T					28	0.21	0.21		
29														29			T	T							29	T	T		
30														30											30	0.00	0.00		

* Indicates sum of Hourly and Daily disagree.

MAXIMUM SHORT DURATION PRECIPITATION (See Note)

Time Period (Minutes)	5	10	15	20	30	45	60	80	100	120	150	180
Precipitation (Inches)	0.52	0.92	1.21	1.42	1.60	2.07	2.19	2.27	2.29	2.38	2.61	2.82
Ending Date	02	02	02	02	02	01	01	01	01	01	01	01
Ending Time (Hr/Min)	1635	1639	1643	1647	1652	1943	1958	2010	2020	1943	2010	2010

Note : The hourly and daily precipitation totals are printed in the last 2 columns and hi-lighted in red when they disagree. NWS does not edit ASOS hourly values but may edit daily and monthly totals. Hourly, daily, and monthly totals are printed as reported by the ASOS site.

Date and time are not entered for TRACE amounts.

REFERENCE NOTES & SUPPLEMENTAL SUMMARIES

* = Extreme for the month (last occurrence if more than one).

T = Trace precipitation amount.

+ = also occurs on earlier date.

FG+ = Heavy fog, visibility .25 miles or less.

BLANK entries denote missing or unreported data.

Resultant wind is the vector sum of the wind speeds and directions divided by the number of observations.

Wind direction is recorded in tens of degrees (2 digits) clockwise from true north. '00' = calm, 'VR' = variable.

Precipitation is for the 24-hour period ending at the time indicated in the column heading.

Ceilometer (30-second) data are used to derive cloudiness at or below 12,000 feet. This cloudiness is the mean cloud cover detected during sunrise to sunset (SR-SS), or midnight to midnight (MN-MN).

WEATHER NOTATIONS

QUALIFIER	WEATHER PHENOMENA		
DESCRIPTOR	PRECIPITATION	OBSCURATION	OTHER
BC Patches	DZ Drizzle	BR Mist	DS Duststorm
BL Blowing	GR Hail	DU Widespread Dust	FC Funnel Cloud
DR Low Drifting	GS Small Hail and/or Snow Pellets	FG Fog	+FC Tornado Waterspout
FZ Freezing	IC Ice Crystals	FU Smoke	PO Well-Developed Dust/Sand Whirls
MI Shallow	PL Ice Pellets	HZ Haze	
PR Partial	RA Rain	PY Spray	SQ Squalls
SH Shower(s)	SG Snow Grains	SA Sand	SS Sandstorm
TS Thunderstorm	SN Snow	VA Volcanic Ash	
VC In the Vicinity	UP Unkown Precipitation		GL Glaze

Intensity (as indicated on pages 4 to 6):
 '+' = Heavy '' = Moderate '-' = Light

HOUSTON, TX JUNE 2016

Sky Condition is based on the sum (not to exceed 8) of the sunrise to sunset cloud cover below and above 12,000 feet.

Clear = 0-2 oktas, Partly Cloudy = 3-6 oktas, Cloudy = 7-8 oktas.

A Heating (Cooling) Degree Day is the difference between the average daily temperature and 65 degrees F. The HDD season begins July 1, the CDD season begins January 1.

Snow Depth, Snowfall, and Sunshine data may come from nearby sites that the National Weather Service deems Climatologically representative of this site.

NORMALS ARE FOR THE YEARS 1981-2010

ADDITIONAL NOTES & ERRATA:

Date	VISIBILITY (MILES)	
	MINIMUM	MAXIMUM
01	2.00	10.00
02	1.50	10.00
03	0.25	10.00
04	1.25	10.00
05	1.25	10.00
06	2.50	10.00
07	9.00	10.00
08	10.00	10.00
09	10.00	10.00
10	9.00	10.00
11	10.00	10.00
12	0.25	10.00
13	5.00	10.00
14	10.00	10.00
15	8.00	10.00
16	8.00	10.00
17	10.00	10.00
18	10.00	10.00
19	10.00	10.00
20	10.00	10.00
21	8.00	10.00
22	10.00	10.00
23	10.00	10.00
24	10.00	10.00
25	10.00	10.00
26	10.00	10.00
27	10.00	10.00
28	3.00	10.00
29	4.00	10.00
30	10.00	10.00
AVGS	7.10	10.00
MINIMUM VISIBILITY (MILES)		
<= .25	<= 3.0	>= 7.0
2	8	20

OBSERVATIONS AT 3-HOURLY INTERVALS

HOUSTON, TX
JUNE 2016

KIAH

WBAN # 12960

HOUR (LST)	SKY COVER	CEILING 100's of FT.	VISIBILITY (MILES)	WEATHER	TEMPERATURE °F						WIND		PRESSURE (INCHES, HG)		HOUR (LST)	SKY COVER	CEILING 100's of FT.	VISIBILITY (MILES)	WEATHER	TEMPERATURE °F						WIND		PRESSURE (INCHES, HG)	
					DRY BULB	DEW POINT	WET BULB	RELATIVE HUMIDITY (PCT)	SPEED (MPH)	DIRECTION Tens of Deg	STATION	SEA LEVEL	DRY BULB	DEW POINT						WET BULB	RELATIVE HUMIDITY (PCT)	SPEED (MPH)	DIRECTION Tens of Deg	STATION	SEA LEVEL				
																										RELATIVE HUMIDITY (PCT)	SPEED (MPH)	DIRECTION Tens of Deg	STATION
SUNRISE: 0521 JUN 01					SUNSET: 1917						SUNRISE: 0520 JUN 07					SUNSET: 1920													
03	BKN	250	10.00		74	72	73	94	7	10	29.74	29.84	03	SCT	250	10.00		72	72	72	100	0	00	29.73	29.84				
06	BKN	250	10.00		73	72	72	96	6	07	29.78	29.88	06	SCT	250	10.00		72	71	71	97	0	00	29.77	29.87				
09	OVC	250	10.00		80	72	75	76	7	VR	29.80	29.91	09	SCT	080	10.00		82	71	74	69	5	02	29.79	29.90				
12	OVC	250	10.00		79	74	76	85	6	15	29.80	29.91	12	SCT	070	10.00		84	69	74	61	8	07	29.79	29.90				
15	BKN	050	10.00		79	74	76	85	14	12	29.74	29.85	15	BKN	250	10.00		88	69	75	54	10	04	29.75	29.86				
18	OVC	040	2.00	TS+RA BR	73	72	72	96	14	01	29.75	29.86	18	SCT	250	10.00		87	67	74	51	5	VR	29.73	29.84				
21	SCT	100	10.00		71	69	70	94	10	14	29.77	29.88	21	FEW	250	10.00		75	71	72	88	0	00	29.77	29.88				
24	SCT	250	10.00		70	69	69	97	0	00	29.79	29.89	24	SCT	250	10.00		72	70	71	94	0	00	29.79	29.90				
SUNRISE: 0521 JUN 02					SUNSET: 1918						SUNRISE: 0520 JUN 08					SUNSET: 1921													
03	SCT	050	10.00		71	70	70	96	3	03	29.77	29.87	03	FEW	250	10.00		71	70	70	96	0	00	29.79	29.90				
06	OVC	050	8.00		72	72	72	100	0	00	29.78	29.88	06	FEW	250	10.00		73	71	72	94	0	00	29.82	29.92				
09	OVC	070	2.00	TS+RA BR	70	70	70	100	13	17	29.83	29.93	09	SCT	250	10.00		83	70	74	65	9	04	29.82	29.93				
12	BKN	150	10.00		73	71	72	94	8	12	29.81	29.91	12	BKN	250	10.00		87	64	72	46	5	VR	29.81	29.92				
15	BKN	050	10.00		75	72	73	90	15	13	29.75	29.86	15	BKN	250	10.00		87	68	74	53	9	08	29.79	29.89				
18	OVC	110	7.00	-TSRA	67	67	67	100	7	14	29.77	29.88	18	SCT	250	10.00		84	68	73	59	10	12	29.78	29.89				
21	OVC	250	10.00		68	67	67	96	6	15	29.79	29.89	21	SCT	250	10.00		75	71	72	88	10	07	29.80	29.91				
24	SCT	150	10.00		69	68	68	96	6	22	29.81	29.92	24	FEW	250	10.00		73	71	72	94	5	11	29.81	29.92				
SUNRISE: 0521 JUN 03					SUNSET: 1918						SUNRISE: 0520 JUN 09					SUNSET: 1921													
03	BKN	170	8.00		70	70	70	100	0	00	29.77	29.88	03	FEW	250	10.00		72	72	72	100	0	00	29.81	29.92				
06	OVC	012	0.50	BR	70	70	70	100	0	00	29.78	29.89	06	SCT	170	10.00		73	71	72	94	3	03	29.84	29.95				
09	OVC	018	1.25	+RA BR	70	70	70	100	15	13	29.81	29.92	09	FEW	020	10.00		83	71	75	67	9	08	29.85	29.96				
12	SCT	090	10.00		76	71	73	85	0	00	29.80	29.91	12	SCT	250	10.00		87	69	75	55	10	12	29.84	29.95				
15	SCT	035	10.00		79	69	72	72	5	02	29.74	29.85	15	SCT	100	10.00		85	70	75	61	14	15	29.80	29.91				
18	BKN	180	10.00		74	70	71	88	7	11	29.73	29.84	18	BKN	250	10.00		83	65	71	55	11	14	29.78	29.88				
21	BKN	110	10.00		70	69	69	97	3	09	29.77	29.88	21	SCT	250	10.00		77	70	72	79	3	18	29.80	29.91				
24	SCT	120	10.00		70	70	70	100	6	06	29.78	29.89	24	FEW	250	10.00		72	71	71	97	0	00	29.81	29.92				
SUNRISE: 0520 JUN 04					SUNSET: 1919						SUNRISE: 0520 JUN 10					SUNSET: 1922													
03	OVC	090	8.00	-TSRA	69	69	69	100	5	09	29.73	29.84	03	SCT	250	10.00		72	72	72	100	5	36	29.82	29.93				
06	BKN	100	6.00		70	70	70	100	6	05	29.75	29.86	06	SCT	250	9.00		73	73	73	100	0	00	29.83	29.94				
09	BKN	040	10.00		70	69	69	97	6	35	29.76	29.87	09	BKN	018	10.00		83	75	77	77	6	13	29.88	29.99				
12	BKN	050	10.00		75	71	72	88	10	05	29.76	29.86	12	BKN	033	10.00		88	75	79	66	9	11	29.86	29.97				
15	BKN	060	10.00		76	71	73	85	9	02	29.70	29.81	15	BKN	250	10.00		90	72	77	56	8	12	29.82	29.92				
18	BKN	130	10.00		72	71	71	97	7	02	29.68	29.79	18	BKN	250	10.00		85	73	77	68	10	12	29.81	29.92				
21	BKN	090	10.00		71	70	70	96	6	01	29.73	29.83	21	SCT	250	10.00		79	75	76	88	8	13	29.83	29.93				
24	SCT	100	10.00		70	70	70	100	6	01	29.70	29.81	24	FEW	250	10.00		77	74	75	90	0	00	29.87	29.97				
SUNRISE: 0520 JUN 05					SUNSET: 1919						SUNRISE: 0520 JUN 11					SUNSET: 1922													
03	BKN	110	9.00		69	69	69	100	6	03	29.69	29.80	03	SCT	250	10.00		76	74	75	94	0	00	29.87	29.97				
06	SCT	110	10.00		68	68	68	100	5	35	29.71	29.82	06	SCT	250	10.00		75	74	74	96	0	00	29.92	30.02				
09	BKN	120	10.00		76	70	72	82	15	02	29.74	29.84	09	BKN	080	10.00		86	75	78	70	10	17	29.94	30.04				
12	BKN	090	10.00		80	69	73	69	10	02	29.73	29.84	12	BKN	250	10.00		79	74	76	85	11	15	29.94	30.05				
15	BKN	120	10.00		76	72	73	88	7	12	29.69	29.80	15	BKN	250	10.00		88	76	79	68	9	07	29.88	29.98				
18	BKN	100	10.00		72	72	72	100	0	00	29.70	29.80	18	BKN	250	10.00		84	74	77	72	13	10	29.87	29.97				
21	BKN	130	10.00		73	71	72	94	0	00	29.72	29.83	21	SCT	250	10.00		83	76	78	79	10	17	29.91	30.02				
24	SCT	250	10.00		71	70	70	96	5	34	29.72	29.83	24	SCT	250	10.00		82	77	78	85	6	17	29.94	30.04				
SUNRISE: 0520 JUN 06					SUNSET: 1920						SUNRISE: 0520 JUN 12					SUNSET: 1922													
03	OVC	006	10.00		71	71	71	100	5	02	29.70	29.81	03	BKN	250	10.00		79	76	77	90	3	16	29.92	30.02				
06	OVC	012	2.50		71	70	70	96	5	04	29.71	29.82	06	BKN	250	10.00		78	77	77	97	0	00	29.94	30.04				
09	OVC	008	7.00		73	71	72	94	8	02	29.74	29.85	09	BKN	190	10.00		85	78	80	80	8	17	29.96	30.06				
12	SCT	025	10.00		82	71	74	69	3	VR	29.72	29.83	12	BKN	026	10.00		82	76	78	82	6	18	29.95	30.05				
15	SCT	039	10.00		87	68	74	53	5	VR	29.68	29.79	15	SCT	032	8.00		75	73	74	94	9	18	29.96	30.06				
18	SCT	200	10.00		84	71	75	65	7	34	29.66	29.77	18	SCT	110	10.00		75	72	73	90	10	15	29.88	29.99				
21	SCT	250	10.00		77	72	74	85	5	06	29.71	29.82	21	BKN	250	10.00		75	73	74	94	8	12	29.91	30.02				
24	SCT	250	10.00		74	72	73	94	5	02	29.75	29.86	24	BKN	250	10.00		74	73	73	97	3	13	29.90	30.01				

OBSERVATIONS AT 3-HOURLY INTERVALS

HOUSTON, TX
JUNE 2016

KIAH

WBAN # 12960

HOUR (LST)	SKY COVER	CEILING 100's of FT.	VISIBILITY (MILES)	WEATHER	TEMPERATURE °F					WIND		PRESSURE (INCHES, HG)		HOUR (LST)	SKY COVER	CEILING 100's of FT.	VISIBILITY (MILES)	WEATHER	TEMPERATURE °F					WIND		PRESSURE (INCHES, HG)			
					DRY BULB	DEW POINT	WET BULB	RELATIVE HUMIDITY (PCT)	SPEED (MPH)	DIRECTION Tens of Deg	STATION	SEA LEVEL	DRY BULB						DEW POINT	WET BULB	RELATIVE HUMIDITY (PCT)	SPEED (MPH)	DIRECTION Tens of Deg	STATION	SEA LEVEL				
																										RELATIVE HUMIDITY (PCT)	SPEED (MPH)	DIRECTION Tens of Deg	STATION
SUNRISE: 0520					JUN 13					SUNSET: 1923					SUNRISE: 0521					JUN 19					SUNSET: 1925				
03	OVC	250	9.00	BR	78	76	77	93	0	00	29.86	29.97	03	BKN	250	10.00	TS	76	71	73	85	3	35	29.93	30.04				
06	OVC	250	5.00		77	76	76	96	0	00	29.90	30.01	06	SCT	250	10.00		74	71	72	91	6	02	29.95	30.06				
09	OVC	250	10.00		84	77	79	80	8	20	29.89	30.00	09	SCT	250	10.00		84	73	76	70	5	09	29.98	30.10				
12	BKN	250	10.00		90	75	79	62	6	VR	29.86	29.96	12	SCT	180	10.00		90	70	76	52	6	33	30.00	30.10				
15	BKN	250	10.00		92	74	79	56	8	19	29.79	29.89	15	SCT	140	10.00		88	71	76	57	3	21	29.97	30.08				
18	BKN	150	10.00		90	75	79	62	7	17	29.77	29.88	18	BKN	120	10.00		89	73	78	59	9	13	29.94	30.05				
21	SCT	250	10.00		84	74	77	72	9	18	29.77	29.87	21	SCT	055	10.00		83	73	76	72	9	16	30.01	30.12				
24	SCT	250	10.00	81	75	77	82	6	18	29.77	29.87	24	FEW	250	10.00	78	74	75	87	3	18	30.03	30.15						
SUNRISE: 0520					JUN 14					SUNSET: 1923					SUNRISE: 0521					JUN 20					SUNSET: 1925				
03	BKN	250	10.00	TS	79	76	77	90	5	18	29.76	29.87	03	SCT	250	10.00	TS	76	74	75	94	0	00	30.02	30.13				
06	BKN	250	10.00		79	76	77	90	0	00	29.78	29.88	06	FEW	020	10.00		77	75	76	94	5	01	30.05	30.16				
09	BKN	250	10.00		86	75	78	70	9	19	29.82	29.92	09	SCT	250	10.00		87	74	78	65	6	16	30.09	30.20				
12	SCT	250	10.00		91	74	79	57	5	19	29.80	29.90	12	BKN	250	10.00		89	72	77	57	10	26	30.09	30.19				
15	BKN	250	10.00		93	75	80	56	8	18	29.75	29.86	15	BKN	250	10.00		90	73	78	58	14	14	30.03	30.14				
18	BKN	250	10.00		90	73	78	58	8	19	29.73	29.84	18	SCT	160	10.00		83	75	77	77	7	15	30.02	30.13				
21	BKN	250	10.00		84	74	77	72	7	18	29.77	29.87	21	SCT	250	10.00		78	74	75	87	0	00	30.03	30.14				
24	SCT	250	10.00	81	75	77	82	3	20	29.80	29.91	24	FEW	250	10.00	77	74	75	90	0	00	30.05	30.15						
SUNRISE: 0520					JUN 15					SUNSET: 1924					SUNRISE: 0521					JUN 21					SUNSET: 1925				
03	BKN	180	10.00	TS	79	76	77	90	5	16	29.79	29.90	03	BKN	250	10.00	TS	76	74	75	94	0	00	30.02	30.13				
06	BKN	250	8.00		80	77	78	90	3	18	29.83	29.93	06	FEW	020	8.00		76	74	75	94	0	00	30.02	30.13				
09	SCT	250	10.00		87	76	79	70	10	21	29.88	29.99	09	SCT	250	10.00		85	74	77	70	5	29	30.03	30.14				
12	SCT	250	10.00		93	73	79	52	10	20	29.88	29.98	12	BKN	250	10.00		89	72	77	57	5	03	30.02	30.12				
15	FEW	055	10.00		95	72	79	47	9	22	29.85	29.95	15	BKN	250	10.00		87	73	77	63	14	16	29.97	30.08				
18	SCT	250	10.00		92	71	77	51	8	19	29.81	29.91	18	SCT	140	10.00		87	74	78	65	6	22	29.93	30.03				
21	FEW	250	10.00		85	74	77	70	10	17	29.82	29.93	21	BKN	250	10.00		82	75	77	79	6	18	29.93	30.03				
24	FEW	016	10.00	81	77	78	88	3	18	29.88	29.98	24	SCT	250	10.00	78	74	75	87	3	19	29.94	30.05						
SUNRISE: 0520					JUN 16					SUNSET: 1924					SUNRISE: 0521					JUN 22					SUNSET: 1926				
03	FEW	015	9.00	TS	79	77	78	94	5	17	29.86	29.96	03	SCT	200	10.00	-RA	79	73	75	82	5	18	29.93	30.03				
06	BKN	250	8.00		80	77	78	90	3	20	29.89	29.99	06	BKN	250	10.00		78	75	76	90	5	20	29.95	30.05				
09	SCT	250	10.00		86	76	79	72	9	18	29.91	30.02	09	BKN	250	10.00		86	74	78	67	8	23	29.96	30.06				
12	BKN	250	10.00		93	72	78	50	3	VR	29.89	29.99	12	SCT	250	10.00		90	74	79	59	10	18	29.95	30.06				
15	SCT	250	10.00		96	72	79	46	7	21	29.83	29.94	15	SCT	090	10.00		92	71	77	51	10	17	29.90	30.01				
18	SCT	250	10.00		93	71	78	49	9	16	29.81	29.91	18	BKN	250	10.00		86	75	78	70	17	13	29.88	29.98				
21	CLR	NC	10.00		84	75	78	74	7	18	29.83	29.94	21	FEW	029	10.00		81	73	75	77	8	17	29.91	30.02				
24	CLR	NC	10.00	81	75	77	82	5	20	29.83	29.94	24	SCT	100	10.00	79	71	74	77	5	17	29.95	30.05						
SUNRISE: 0520					JUN 17					SUNSET: 1924					SUNRISE: 0521					JUN 23					SUNSET: 1926				
03	BKN	015	10.00	TS	79	76	77	90	3	20	29.82	29.92	03	SCT	110	10.00	-RA	79	71	74	77	0	00	29.94	30.04				
06	FEW	020	10.00		79	76	77	90	0	00	29.85	29.96	06	SCT	095	10.00		74	72	73	94	0	00	29.95	30.06				
09	SCT	020	10.00		86	74	78	67	7	19	29.89	29.99	09	FEW	030	10.00		86	72	76	63	3	VR	29.98	30.09				
12	SCT	035	10.00		91	73	78	56	3	18	29.87	29.98	12	SCT	045	10.00		92	70	77	49	8	15	29.95	30.06				
15	SCT	050	10.00		94	73	79	51	5	VR	29.82	29.93	15	BKN	250	10.00		92	69	76	47	13	17	29.90	30.01				
18	FEW	050	10.00		91	78	81	66	10	11	29.78	29.88	18	BKN	250	10.00		88	70	76	55	14	17	29.90	30.00				
21	FEW	035	10.00		86	76	79	72	6	18	29.81	29.91	21	BKN	250	10.00		82	70	74	67	6	18	29.92	30.03				
24	CLR	NC	10.00	82	76	78	82	5	20	29.83	29.94	24	BKN	250	10.00	78	71	73	79	5	20	29.93	30.03						
SUNRISE: 0520					JUN 18					SUNSET: 1925					SUNRISE: 0522					JUN 24					SUNSET: 1926				
03	FEW	250	10.00	TS	80	76	77	87	5	18	29.82	29.92	03	SCT	250	10.00	-RA	74	72	73	94	0	00	29.93	30.03				
06	SCT	250	10.00		78	77	77	97	0	00	29.86	29.96	06	SCT	250	10.00		74	72	73	94	0	00	29.95	30.05				
09	SCT	200	10.00		87	76	79	70	7	25	29.91	30.01	09	SCT	250	10.00		86	74	78	67	7	18	29.98	30.09				
12	SCT	250	10.00		92	73	78	54	0	00	29.90	30.01	12	SCT	250	10.00		90	72	77	56	7	13	29.95	30.05				
15	SCT	250	10.00		96	73	79	47	7	01	29.87	29.97	15	OVC	250	10.00		82	75	77	79	8	16	29.91	30.02				
18	BKN	250	10.00		85	71	75	63	21	03	29.86	29.97	18	BKN	130	10.00		87	75	78	67	7	15	29.88	29.98				
21	OVC	250	10.00		77	69	72	77	6	VR	29.91	30.02	21	SCT	250	10.00		81	74	76	79	6	16	29.90	30.01				
24	SCT	250	10.00	76	71	73	85	7	05	29.95	30.06	24	SCT	250	10.00	80	75	77	85	3	17	29.92	30.02						

OBSERVATIONS AT 3-HOURLY INTERVALS

HOUSTON, TX
JUNE 2016

KIAH

WBAN # 12960

HOUR (LST)	SKY COVER	CEILING 100's of FT.	VISIBILITY (MILES)	WEATHER	TEMPERATURE °F			RELATIVE HUMIDITY (PCT)	WIND		PRESSURE (INCHES, HG)						
					DRY BULB	DEW POINT	WET BULB		SPEED (MPH)	DIRECTION Tens of Deg	STATION	SEA LEVEL					
SUNRISE: 0522 JUN 25 SUNSET: 1926					03	SCT	250	10.00		76	74	75	94	0	00	29.92	30.03
06	SCT	250	10.00		77	75	76	94	0	00	29.94	30.05					
09	SCT	250	10.00		88	75	79	66	8	15	29.97	30.07					
12	SCT	120	10.00		90	74	79	59	9	16	29.95	30.06					
15	SCT	100	10.00		91	75	79	59	0	00	29.92	30.02					
18	BKN	250	10.00		85	77	79	77	0	00	29.90	30.01					
21	BKN	250	10.00		83	73	76	72	5	18	29.92	30.02					
24	BKN	250	10.00		77	74	75	90	0	00	29.94	30.04					
SUNRISE: 0522 JUN 26 SUNSET: 1926					03	SCT	250	10.00		76	75	75	97	0	00	29.95	30.06
06	SCT	250	10.00		77	76	76	96	0	00	29.98	30.09					
09	BKN	140	10.00		85	74	77	70	0	00	30.02	30.12					
12	BKN	250	10.00		91	73	78	56	3	VR	30.00	30.11					
15	BKN	250	10.00		93	73	79	52	5	18	29.95	30.06					
18	BKN	250	10.00		88	73	77	61	7	12	29.91	30.01					
21	BKN	250	10.00		84	74	77	72	6	17	29.93	30.03					
24	BKN	250	10.00		78	75	76	90	0	00	29.98	30.08					
SUNRISE: 0523 JUN 27 SUNSET: 1926					03	SCT	250	10.00		77	75	76	94	0	00	29.96	30.06
06	SCT	250	10.00		76	75	75	97	0	00	29.98	30.08					
09	FEW	025	10.00		87	73	77	63	0	00	29.98	30.09					
12	BKN	250	10.00		93	74	79	54	0	00	29.96	30.07					
15	BKN	250	10.00		88	72	77	59	5	21	29.91	30.01					
18	BKN	250	10.00		90	73	78	58	5	24	29.87	29.98					
21	SCT	080	10.00		84	73	76	70	6	04	29.92	30.03					
24	BKN	250	10.00		80	75	77	85	0	00	29.92	30.03					
SUNRISE: 0523 JUN 28 SUNSET: 1926					03	BKN	250	10.00		79	75	76	88	0	00	29.92	30.02
06	SCT	250	10.00		80	75	77	85	3	29	29.91	30.02					
09	FEW	250	10.00		88	73	77	61	8	31	29.92	30.03					
12	BKN	250	10.00		92	74	79	56	0	00	29.90	30.00					
15	OVC	250	10.00	-RA	75	73	74	94	7	21	29.89	30.00					
18	SCT	110	10.00		79	72	74	79	5	34	29.85	29.96					
21	BKN	170	10.00		78	72	74	82	3	01	29.88	29.98					
24	SCT	250	10.00		74	72	73	94	0	00	29.88	29.98					
SUNRISE: 0523 JUN 29 SUNSET: 1926					03	SCT	250	10.00		74	72	73	94	0	00	29.84	29.94
06	SCT	250	10.00		74	72	73	94	6	33	29.86	29.97					
09	SCT	150	10.00		84	75	78	74	3	VR	29.88	29.98					
12	SCT	030	10.00		90	73	78	58	8	35	29.85	29.96					
15	SCT	250	10.00		93	74	79	54	9	03	29.81	29.91					
18	SCT	250	10.00		90	74	79	59	9	02	29.79	29.90					
21	SCT	250	10.00		79	75	76	88	7	12	29.83	29.93					
24	SCT	250	10.00		77	75	76	94	0	00	29.82	29.92					
SUNRISE: 0524 JUN 30 SUNSET: 1926					03	SCT	250	10.00		77	73	74	88	5	01	29.82	29.93
06	SCT	250	10.00		75	71	72	88	3	01	29.84	29.94					
09	FEW	025	10.00		85	72	76	65	8	03	29.87	29.98					
12	SCT	038	10.00		89	73	78	59	5	VR	29.86	29.96					
15	SCT	250	10.00		94	71	78	48	10	05	29.81	29.92					
18	SCT	250	10.00		89	71	76	55	11	13	29.81	29.91					
21	SCT	250	10.00		82	75	77	79	7	13	29.83	29.93					
24	FEW	250	10.00		78	75	76	90	0	00	29.85	29.95					

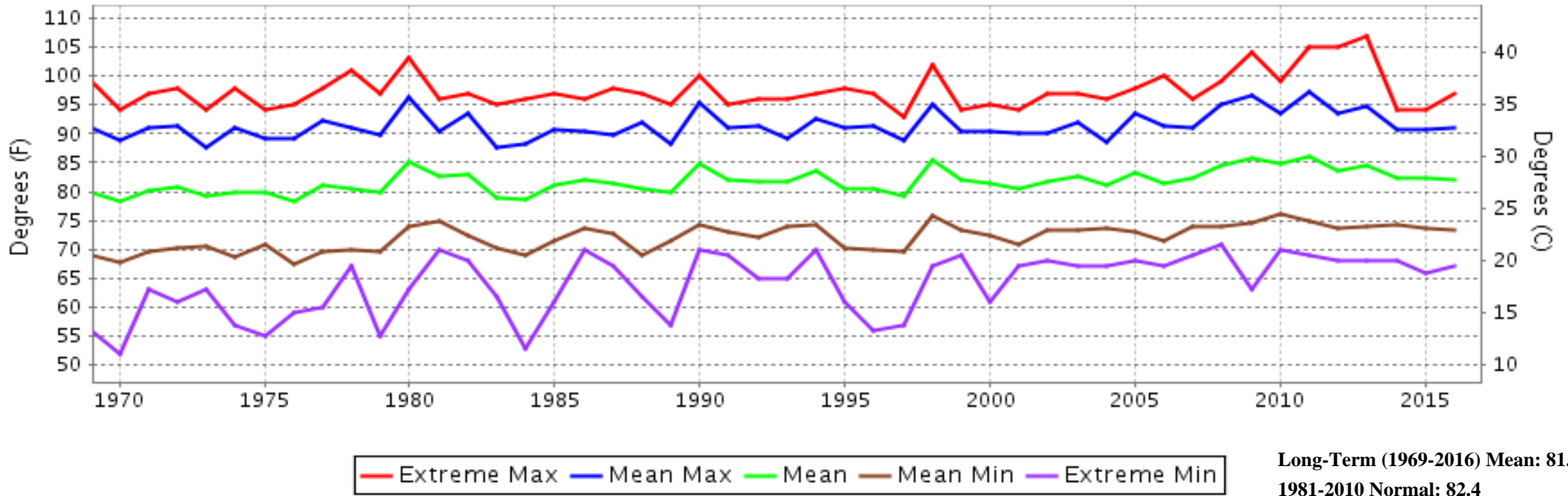
HOUR (LST)	SKY COVER	CEILING 100's of FT.	VISIBILITY (MILES)	WEATHER	TEMPERATURE °F			RELATIVE HUMIDITY (PCT)	WIND		PRESSURE (INCHES, HG)	
					DRY BULB	DEW POINT	WET BULB		SPEED (MPH)	DIRECTION Tens of Deg	STATION	SEA LEVEL

3-HOURLY OBSERVATION NOTES
 Sky Cover is the amount of the sky obscured. CLR or SKC = 0, FEW = 1/8-2/8, SCT = 3/8-4/8, BKN = 5/8-7/8, OVC = 8/8, W = Vertical Visibility = 8/8
 Ceiling is reported in hundreds of feet above ground level for clouds at or below 12,000 feet. NC = No Ceiling detected.
 & = Original observation contained additional weather elements.
 See page 3 for additional notes.

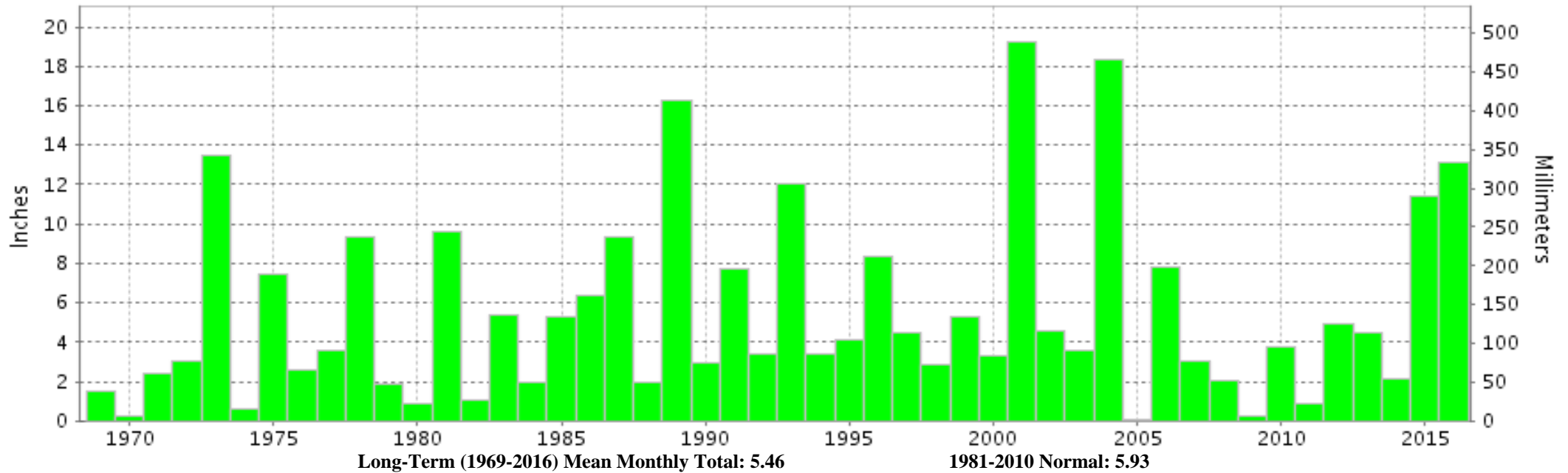
SUMMARY BY HOUR

HOUR (LST)	AVERAGES								RESULTANT WIND (MPH)	
	DRY BULB	DEW POINT	WET BULB	RELATIVE HUMIDITY	PRESSURE (Inches, HG)		VISIBILITY (Miles)	WIND SPEED (MPH)	SPEED	DIRECTION
					STATION	SEA LEVEL				
01	76	73	74	91	29.86	29.96	10.00	3	2	14
02	76	73	74	92	29.85	29.96	9.80	2	2	15
03	75	73	74	93	29.85	29.95	9.77	2	2	15
04	75	73	74	94	29.85	29.96	9.63	3	2	16
05	75	73	74	94	29.86	29.97	9.60	2	2	20
06	75	73	74	94	29.87	29.98	8.83	2	2	16
07	78	74	75	88	29.88	29.99	8.93	4	2	15
08	81	74	76	82	29.89	30.00	9.14	5	2	14
09	83	73	76	74	29.90	30.00	9.34	7	2	14
10	85	73	76	68	29.90	30.00	9.72	7	1	15
11	87	72	77	63	29.90	30.00	9.90	6	2	13
12	87	72	77	63	29.88	29.99	10.00	6	3	12
13	87	72	76	61	29.86	29.97	9.37	7	3	11
14	87	72	76	62	29.85	29.96	9.58	8	4	11
15	87	72	77	63	29.84	29.95	9.93	9	3	11
16	86	72	76	64	29.83	29.94	9.47	9	3	11
17	85	72	76	67	29.82	29.93	8.90	9	4	11
18	84	72	76	69	29.82	29.93	9.63	9	4	11
19	82	72	75	73	29.83	29.93	9.80	8	4	11
20	80	73	75	78	29.83	29.94	9.75	7	3	11
21	79	73	75	81	29.85	29.95	10.00	6	3	11
22	78	73	75	84	29.86	29.97	10.00	5	2	13
23	77	73	74	87	29.86	29.97	10.00	4	2	14
24	76	73	74	90	29.86	29.97	10.00	3	2	16

HOUSTON, TX JUNE Temperatures



HOUSTON, TX JUNE Precipitation





JUNE 2016
HOUSTON, TX

LOCAL CLIMATOLOGICAL DATA
NOAA, National Climatic Data Center

I certify that this is an official publication of the National Oceanic and Atmospheric Administration (NOAA). It is compiled using information from weather observing sites operated by NOAA-National Weather Service / Department Of Transportation-Federal Aviation Administration and received at the National Climatic Data Center (NCDC), Asheville, North Carolina 28801.

A handwritten signature in black ink, appearing to read "Thomas R. Karl".

DIRECTOR

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Attn: User Engagement & Services Branch
151 Patton Avenue
Asheville, NC 28801-5001